USHANI CHATHUSHKA

Fresh Graduate

As a dedicated and passionate software engineer, I am committed to delivering innovative and effective technological solutions. With expertise in full-stack, front-end, web development and mobile development, I focus on designing intuitive, user-centered applications. My strengths include strong problem-solving abilities, effective communication, and a collaborative approach, all of which contribute to creating high-quality and impactful software solutions.

CONTACT

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📍 Kadawatha, Sri Lanka

SKILLS

Hard Skills

- Programming Languages – React, Flutter, Laravel, Java, C#

- Web Development – HTML, CSS, JavaScript, PHP, Laravel, React, Angular

- Mobile Development – Flutter, Java

- Databases – MySQL

- UI/UX Design – Figma

Soft Skills

- Communication
- Adaptability and flexibility
- Time management
- Problem-Solving
- Teamwork and Collaboration
- Creativity
- Eagerness to learn
- Leadership

WORK EXPERIENCE

IT and GIS Intern   **Oct 2022 – July 2023**
Centre for Defence Research and Development, Homagama, Sri Lanka

Developed an IoT flood detection system for Sri Lanka, improving flood monitoring and accuracy. Designed a water level measurement unit and an internal Flutter app for rainfall data visualization, aiding disaster management and operational efficiency.

EDUCATION

BSc (Hons) Software Engineering – Second Class Honours (Upper Division)
University of Plymouth (UK) – affiliated with NSBM Green University   **May 2021 – May 2024**

G.C.E Advanced Level Examination   **Oct 2020**
St. Anne's Convent, Wattala

PROJECTS

DORA - Mental Health Support Mobile Application   **Oct 2023 – April 2024**
Technologies Used: Flutter, PHP Laravel, Dialogflow API, Python, MySQL

DORA was a final year individual project focused on offering AI-driven mental health support and fostering a supportive community. The app provides immediate assistance through a chatbot and enables users to share motivational content and engage with others.

DORA - Admin Dashboard   **Oct 2023 – April 2024**
Technologies Used: React.js, PHP Laravel, MySQL

The admin dashboard facilitates content management and engagement monitoring. Features include the ability to delete unnecessary posts, comments, and users, view daily post and user counts with bar charts, and display all user and post counts using several types of charts.

CERTIFICATION

Specialization Certificate of Full Stack
Software Developer
IBM | June 2024

Specialization Certificate of Back-End
Developer
Meta | June 2024

Specialization Certificate of AI Developer
IBM | June 2024

AI/ML Engineer - Stage 1
SLIIT | August 2024

Front-End Web Development
University of Moratuwa | April 2022

EXTRA-CURRICULAR ACTIVITIES

- Member of NSBM Badminton Club
- Member of research unit of Ministry of defence

Land Renting Website   **Oct 2022 – April 2023**

Technologies Used: React, Node.js, Firebase

This website facilitated connections between landowners and cultivators by providing detailed property listings and legal resources. It aimed to optimize land use, simplify rental processes, and offer convenient access to lawyer contact information.

Movie Ticket Booking System   **Oct 2022 – Jan 2023**

Technologies Used: Java, HTML, Servlets, JSP, JDBC

A ticket booking system was implemented to allow users to browse movies, select seats, book tickets, and make online payments. Features include booking confirmations, cancellations, and admin tools for managing content and monitoring user activity.

CARLUXE – Car Sale Mobile App   **June 2024 - June 2024**

Technologies Used: Java

This mobile app was engineered for car sales, allowing users to log in, browse available cars, view details, add items to the cart, and schedule test drives. Self-learned Java was applied to refine front-end development skills.

CampTown – Camping Website   **May 2024 – May2024**

Technologies Used: Angular

This website features camping locations in Sri Lanka, with options to filter by district, view camping items, and access travel guides. Self-learned Angular and applied this knowledge to develop the front-end.